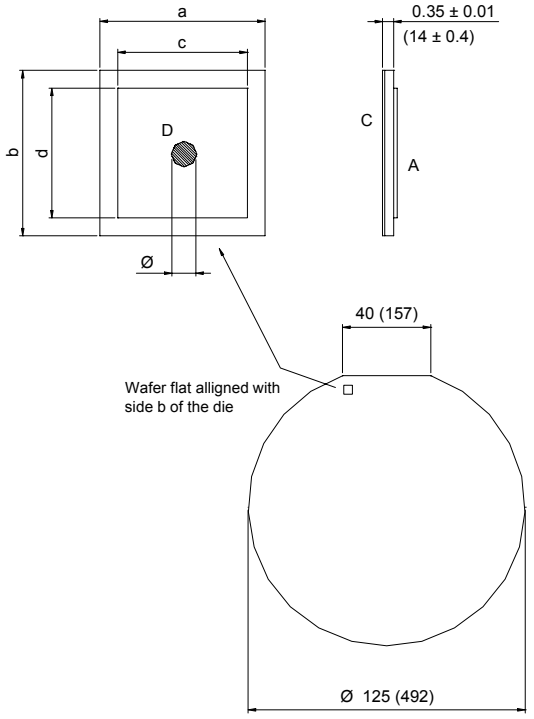
查询SC095.....5. Series供应商

Bulletin I0500J rev.A 05/01

International
IOR Rectifier

SC095.....5. Series

SCHOTTKY DIE 95 x 95 mils



NOTES:

1. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS (MILS).

2. CONTROLLING DIMENSION: (MILS).

3. DIMENSIONS AND TOLERANCES:
   a = 2.41 + 0, - 0.01
   (95 + 0, - 0.4)
   b = 2.41 + 0, - 0.01
   (95 + 0, - 0.4)
   c = 2.26 + 0, - 0.01
   (89 + 0, - 0.4)
   d = 2.26 + 0, - 0.01
   (89 + 0, - 0.4)
   Ø = 1 ± 0.15
   (40 ± 6)

4. LETTER DESIGNATION:
   A = Anode (Top Metal)
   C = Cathode (Back Metal)
   D = Reject Ink Dot (only on non-conforming dies)

5. SAWING:
   Recommended Blade
   SEMITEC S1025 QS00 Blade
   Sawing Street
   0.05 + 0, - 0.005
   (2 + 0, - 0.2)

NOT TO SCALE

NOTE: 10 mils die thickness is available on specific request only.
Contact factory for information.

Electrical Characteristics

Device #	T_J Max. (°C)	V_R (V)	Typ. I_R @ 25°C (µA)	Typ. I_R @ 125°C (mA)	Max. V_F @ I_F (V)	Package Style
SC095**R**015x5x	125	15	n.a. contact factory			
SC095**S**020x5x	150	20	n.a. contact factory			
SC095**S**030x5x	150	30	n.a. contact factory			
SC095**S**045x5x	150	45	n.a. contact factory			
SC095**S**060x5x	150	60	n.a. contact factory			
SC095**H**045x5x	175	45	15	5	0.84 @ 20A	TO-220
SC095**H**100x5x	175	100	n.a. contact factory			
SC095**H**150x5x	175	150	n.a. contact factory			

Mechanical Data

Device #		Metal Thickness Front Metal			Metal Thickness Back Metal		
SC095xxxx**A**5x	Wire Bondable	–	Al 30 kÅ	–	Cr 1 kÅ	Ni 2 kÅ	Ag 3 kÅ
SC095xxxx**S**5x	Solderable	Ti 2 kÅ	Ni 1 kÅ	Ag 35 kÅ	Cr 1 kÅ	Ni 2 kÅ	Ag 3 kÅ

Recommended Storage Environment: Store in original container, in dessicated nitrogen, with no contamination.
Shelf life for parts stored in above condition is 2 years.
If the storage is done in normal atmosphere shelf life is reduced to six months.

Packaging

Device #	Description	Minimum Order Quantity Die in Sale Package
SC095xxxxx5**B**	Inked Probed Unsawn Wafer (Wafer in Box)	1545
SC095xxxxx5**R**	Probed Die in Tape & Reel	n. a.
SC095xxxxx5**P**	Probed Die in Waffle Pack	1545
SC095xxxxx5**F**	Inked Probed Sawn Wafer on Film	1545

Ordering Information Table

Device Code

SC	095	H	150	A	5	B
1	2	3	4	5	6	7

1 - Schottky Die

2 - Chip Dimension in Mils

3 - Process (see Electrical Characteristics Table)

H = 830 Process
R = OR'ing Process
S = Standard Process

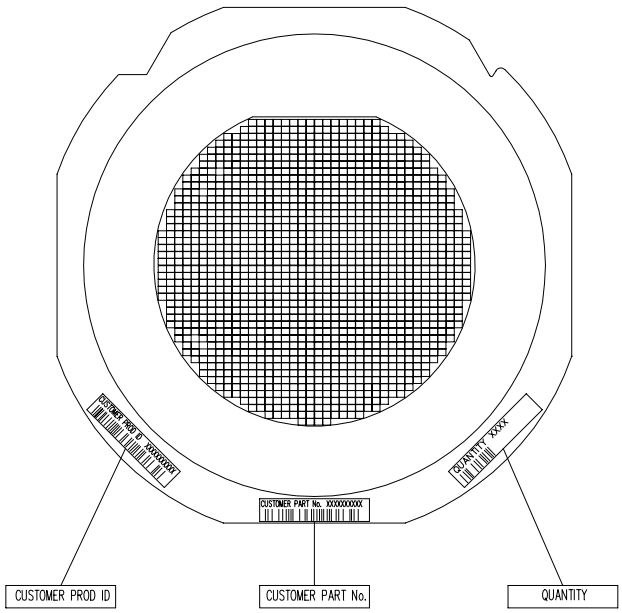
4 - Voltage code: Code = V_{RRM}

5 - Chip surface metallization (see Mechanical Data Table)

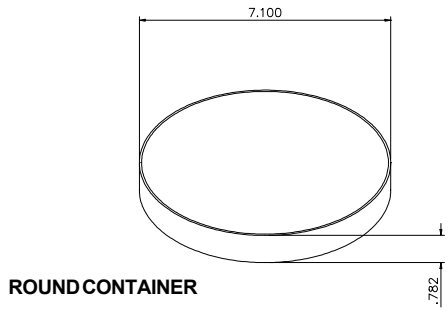
6 - Wafer Diameter in inches

7 - Packaging (see Packaging Table)

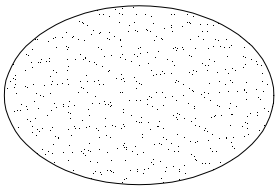
Wafer on Film



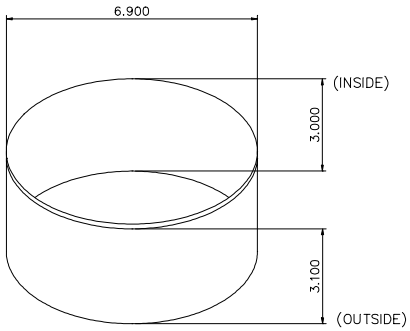
Wafer in Box

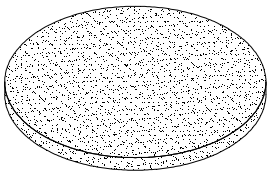


ROUND CONTAINER



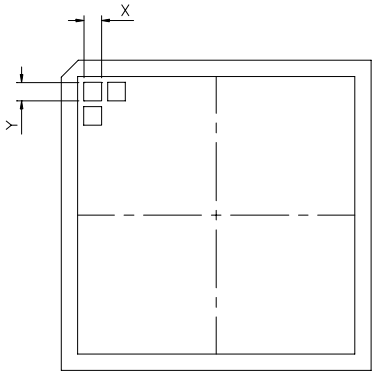
TYVEK DISK

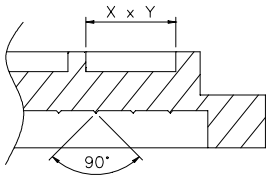




FOAM DISK

Die in Waffle Pack





CHIP TRAY POCKET

International
IOR Rectifier

WORLD HEADQUARTERS: 233 Kansas St., El Segundo, California 90245 U.S.A. Tel: (310) 322 3331. Fax: (310) 322 3332.
EUROPEAN HEADQUARTERS: Hurst Green, Oxted, Surrey RH8 9BB, U.K. Tel: ++ 44 1883 732020. Fax: ++ 44 1883 733408.
IR CANADA: 15 Lincoln Court, Brampton, Markham, Ontario L6T3Z2. Tel: (905) 453 2200. Fax: (905) 475 8801.
IR GERMANY: Saalburgstrasse 157, 61350 Bad Homburg. Tel: ++ 49 6172 96590. Fax: ++ 49 6172 965933.
IR ITALY: Via Liguria 49, 10071 Borgaro, Torino. Tel: ++ 39 11 4510111. Fax: ++ 39 11 4510220.
IR FAR EAST: K&H Bldg., 2F, 30-4 Nishi-Ikebukuro 3-Chome, Toshima-Ku, Tokyo, Japan 171. Tel: 81 3 3983 0086.
IR SOUTHEAST ASIA: 1 Kim Seng Promenade, Great World City West Tower,13-11, Singapore 237994. Tel: ++ 65 838 4630.
IR TAIWAN: 16 Fl. Suite D.207, Sec. 2, Tun Haw South Road, Taipei, 10673, Taiwan. Tel: 886 2 2377 9936.

http://www.irf.com *Fax-On-Demand: +44 1883 733420* *Data and specifications subject to change without notice.*